

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number		10562246
Filing Date		2003-06-24
First Named Inventor	Stephen John Martin Skinner	
Art Unit		
Examiner Name		
Attorney Docket Number	36697.16	

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	4	5561108		1996-10-01	Tsay et al.	
	5	5573528		1996-11-12	Aebischer et al.	
	6	5762926		1998-06-06	Gage et al.	
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	8	5869463		1999-02-09	Major et al.	

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9	5871767		1999-02-16	Dionne et al.	
10	5888705		1999-03-30	Rubin et al.	
11	5898066		1999-08-27	Benowitz et al.	
12	5968829		1999-10-19	Carpenter	
13	6090400		2000-07-18	Elliott	
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2	20040014212		2004-01-22	Elliott et al.	
3	20040033216		2004-02-19	Elliott et al.	
4	20040213768		2004-10-28	Elliott et al.	
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5	00/66188	WO	A2	2000-11-09	Diatranz Limited		<input type="checkbox"/>
6	00/66188	WO	A3	2007-01-16	Diatranz Limited		<input type="checkbox"/>
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	1	BASTA et al., "Xenotransplantation of Microencapsulated Neonatal Procine Islets (NIP) in Diabetic Recipients: Pre-clinical Trials," ACTA Diabetologica, 37, No. 3, pg. 145, September 2000.	<input type="checkbox"/>
	2	BEAL et al., "Differential Sparing of Somatostatin-Neuropeptide Y and Cholinergic Neurons following Striatal Excitotoxin Lesions," Synapse, 3(1):38-47, 1989.	<input type="checkbox"/>
	3	BORLONGAN et al. "Locomotor and Passive Avoidance Deficits Following Occlusion of the Middle Cerebral Artery," Physiology & Behavior, 58:909-17, 1995.	<input type="checkbox"/>
	4	BORLONGAN et al., "Elevated Body Swing Test: A New Behavioral Parameter for Rats with 6-Hydroxydopamine-Induced Hemiparkinsonism," Neurosci., 15:5372-8, 1995.	<input type="checkbox"/>
	5	BORLONGAN et al., "Striatal Dopamine-Mediated Motor Behavior is Altered Following Occlusion of the Middle Cerebral Artery," Pharmacology Biochemistry and Behavior, 52:225-9, 1995.	<input type="checkbox"/>
	6	BORLONGAN et al. "Intercerebral Transplantation of Porcine Choroids Plexus Provides Structural and Functional Neuroprotection in a Rodent Model Of Stroke," Stroke, 35(9):2206-10, 2004.	<input type="checkbox"/>
	7	BRANDHORST et al., "Significant Progress in Porcine Islet Mass Isolating Utilizing Liberase HI for Enzymatic Low Temperature Pancreas Digestion," Transplantation, 68(3):355-361, August 1999.	<input type="checkbox"/>
	8	CALAFIORE et al., "Effects of Alginate/Polyaminoacidic Coherent Microcapsule Transplantation in Adult Pigs," Transplant. Proc., 4:2126-2167, 1997.	<input type="checkbox"/>

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9	CALAFIORE, "Actual Perspectives in Biohybrid Artificial Pancreas for the Therapy of Type 1, Insulin Dependent Diabetes Mellitus," Diabetes Metab. Rev., 14(4):315-324, December 1998.	<input type="checkbox"/>
10	CALAFIORE et al., "Transplantation of Pancreatic Islets Contained in Minimal Volume Microcapsules in Diabetic High Mammalian," Ann. N.Y. Acad. Sci., 875:219-232, 1999.	<input type="checkbox"/>
11	CAVANAGH et al., "Improved Pig Islet Yield and Post-Culture Recovery Using Liberase PI Purified Enzyme Blend," Transplant. Proc., 30(2): 367, March 1998.	<input type="checkbox"/>
12	CLARK et al., "Islet Cell Culture in Defined Serum-Free Medium," Endocrinology, 126:1895-1903, 1990.	<input type="checkbox"/>
13	ELLIOTT et al., "The Use of Nicotinamide in the Prevention of Type 1 Diabetes," Ann. N.Y. Acad. Sci., 696:333-41, 1993.	<input type="checkbox"/>
14	ELLIOTT et al., "No Evidence of Infection With Porcine Endogenous Retrovirus in Recipients of Encapsulated Porcine Islet Xenografts," Cell Transplantation, 9:895-901, 2000.	<input type="checkbox"/>
15	EMERICH et al., "Implants of Encapsulated Human CNTF-Producing Fibroblasts Prevent Behavioral Deficits and Striatal Degeneration in a Rodent Model of Huntington's Disease," J. Neurosci., 16(16):5168-5181, 1996.	<input type="checkbox"/>
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17	FUKUDA et al., "Astrocytes Are More Vulnerable Than Neurons to Cellular Ca ²⁺ Overload Induced By A Mitochondrial Toxin, 3-Nitropropionic Acid," Neurosci., 87(2):497-507, 1998.	<input type="checkbox"/>
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20	KOPYOV et al., "Safety of Intrastratial Neurotransplantation for Huntington's Disease Patients," Experimental Neurology, 149:97-108, 1998.	<input type="checkbox"/>
21	KORBUTT et al, "Cotransplantation of Allogeneic Islets with Allogeneic Testicular Cell Aggregates Allows Long-Term Graft Survival Without Systemic Immunosuppression," Diabetes, 46: 317-322, Feb. 1997.	<input type="checkbox"/>
22	KORDOWER et al., "Cellular Delivery of Trophic Factors for the Treatment of Huntington's Disease: Is Neuroprotection Possible?," Experimental Neurology, 159:4-20, 1999.	<input type="checkbox"/>
23	KREWSON et al, "Distribution of Nerve Growth Factor Following Direct Delivery to Brain Interstitium," Brain Res., 680 (1-2):196-206, 1995.	<input type="checkbox"/>
24	LANZA et al., "Biohybrid Artificial Pancreas: Long -Term Functioning of Discordant Islet Xenografts in Streptozotocin Diabetic Rats," Transplantation, 56:1067-1072, 1993.	<input type="checkbox"/>
25	LINDVALL, et al, "Histochemical, Ultrastructural and Functional Evidence for a Neurogenic Control of Cerebrospinal Fluid Production From the Choroid Plexus," Acta Physiologica Scand. Suppl., 452:77-86, 1977.	<input type="checkbox"/>
26	LONDON et al., "A Simple Method for the Release of Islets by Controlled Collagenase Digestion of the Human Pancreas," Transplantation, 49(6):1109-1113, June 1990.	<input type="checkbox"/>
27	LUCA et al., "Sertoli Cell-Induced Reversal of Adult Rat Pancreatic Islet B-Cells Into Fetal-Like Status: Potential Implications for Islet Transplantation into Type 1 Diabetes Mellitus," J. Invest. Medicine, 48(6):441-448, Nov 2000.	<input type="checkbox"/>
28	MAKI et al., "Porcine Islets Xenotransplantation Utilizing a Vascularized Bioartificial Pancreas," Ann. of Transplantation, 2(3):69-71, 1997.	<input type="checkbox"/>
29	MARTI et al., "Systemic Hypoxia Changes the Organ-Specific Distribution of Vascular Endothelial Growth Factor and its Receptors," Proc. Natl. Acad. Sci., 95:15809-15814, 1998.	<input type="checkbox"/>
30	MEHLER et al., "Progenitor Cell Biology Implications for Neural Regeneration," Arch. Neurol. 56:780-784, 1999.	<input type="checkbox"/>

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31	NGO et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," The Protein Folding Problem and Tertiary Structure Prediction, Birkhauser Boston: Boston, MA, 1994.	<input type="checkbox"/>
32	ORIVE et al., "Cell Encapsulation: Promise and Progress," Nature Medicine, 9(1):104-107, 2003.	<input type="checkbox"/>
33	PARDRIDGE, "Peptide Drug Delivery To The Brain," 1991, 114-122; 305; 307, New York: Raven Press.	<input type="checkbox"/>
34	PAXINOS et al., "The Rat Brain in Stereotaxic Coordinates," Academic Press, New York, 1986.	<input type="checkbox"/>
35	PU et al., "Effect of Lignocaine in Myocardial Contusion: An Experiment on Rabbit Isolated Heart," Brit. J. Pharmacol. 118:1072-1078, 1996.	<input type="checkbox"/>
36	RAO et al., "Choroid Plexus Epithelial Expression of MDR1 P Glycoprotein And Multidrug Resistance-Associated Protein Contribute to the Blood-Cerebrospinal-Fluid Drug-Permeability Barrier," Proc. Natl. Acad. Sci., 96:3900-3905, 1999.	<input type="checkbox"/>
37	RAYAT et al., "Expression of Gal (1,3) Gal on Neonatal Porcine Islet B-Cells and Susceptibility to Human Antibody/ Complement Lysis," Diabetes, 47:1406-1411, September 1998.	<input type="checkbox"/>
38	RAYAT et al., "Potential Application of Neonatal Porcine Islets as Treatment for Type 1 Diabetes: A Review," Ann. N.Y. Acad. Sci., 875:175-188, 1999.	<input type="checkbox"/>
39	RUDINGER, "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence," University Park Press: Baltimore, MD, pp. 1-7, 1976.	<input type="checkbox"/>
40	SALZBERG-BRENHOUSE et al., "Inhibitors of Cyclooxygenase-2, but Not Cyclooxygenase-1 Provide Structural and Functional Protection against Quinolinic Acid-Induced Neurodegeneration," J. of Pharmacology and Experimental Therapeutics, 306:218-228, 2003.	<input type="checkbox"/>
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	42	SEGAL, "The Choroid Plexuses and the Barriers Between the Blood and the Cerebrospinal Fluid," Cell Mol. Neurobio., 20(2):183-196, 2000.	<input type="checkbox"/>
	43	SELAWRY et al., "Sertoli Cell-Enriched Fractions in Successful Islet Cell Transplantation," Cell Transplantation, 2:123-129, 1993.	<input type="checkbox"/>

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☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

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Signature	/Mark D. Moore/	Date (YYYY-MM-DD)	2007-01-17
Name/Print	Mark D. Moore, Ph.D.	Registration Number	42,903

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